

IN THE SPECIFICATION

Please amend the Specification as shown below.

Please replace the paragraph at page 3 beginning on line 5 with the following rewritten paragraph:

--Face electrodes 36 and 38 are utilized to control the electric potential field along spacers 24 in order to reduce their net effect on the trajectories of electrons moving from regions 26 to elements 28. However, as discussed in Schmid et al, spacers 24 are typically made by a process in which large sheets of wall material having double-width strips of electrodes 36 and 38 formed on the sheets are mechanically cut along the centerlines of electrodes 36 and 38. Due to mechanical limitations in performing the cutting operation, the width of each face electrode 36 or 38 can vary along its length. --

Please replace the paragraph at page 7 beginning on line 21 with the following rewritten paragraph:

-- In one embodiment, the length of the segment electrodes is defined to be effective to minimize zero current shift variation. A component of zero current shift variation resulting from wall resistance variations is determined. Another component of zero current shift variation resulting from fabrication misalignment is also determined. Both components of zero current shift variation are combined in a specific manner, which is operated upon to define a length at which zero current shift variation is minimal.--